

S/N 09/943,134

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Leonard Forbes et al. Examiner: Tu-Tu Ho
Serial No.: 09/943,134 Group Art Unit: 2818
Filed: August 30, 2001 Docket: 1303.020US1
Title: PROGRAMMABLE ARRAY LOGIC OR MEMORY DEVICES WITH
ASYMMETRICAL TUNNEL BARRIERS

COMMUNICATION CONCERNING RELATED APPLICATION(S)

Mail Stop RCE
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Applicants would like to bring to the Examiner's attention the following related application(s) in the above-identified patent application:

<u>Serial/Patent No.</u>	<u>Filing Date</u>	<u>Attorney Docket</u>	<u>Title</u>
09/945507	August 30, 2001	1303.014US1	FLASH MEMORY WITH LOW TUNNEL BARRIER INTERPOLY INSULATORS
09/945395 6754108	August 30, 2001	1303.019US1	DRAM CELLS WITH REPRESSED FLOATING GATE MEMORY, LOW TUNNEL BARRIER INTERPOLY INSULATORS
09/945498 6778441	August 30, 2001	1303.024US1	INTEGRATED CIRCUIT MEMORY DEVICE AND METHOD
09/945512	August 30, 2001	1303.027US1	IN SERVICE PROGRAMMABLE LOGIC ARRAYS WITH LOW TUNNEL BARRIER INTERPOLY INSULATORS
09/945554	August 30, 2001	1303.028US1	SRAM CELLS WITH REPRESSED FLOATING GATE MEMORY, LOW TUNNEL BARRIER INTERPOLY INSULATORS
10/028001	December 20, 2001	1303.035US1	PROGRAMMABLE ARRAY LOGIC OR MEMORY WITH P-CHANNEL DEVICES AND ASYMMETRICAL TUNNEL BARRIERS

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10/081818	February 20, 2002	1303.045US1	ATOMIC LAYER DEPOSITION OF METAL OXIDE AND/OR LOW ASYMMETRICAL TUNNEL BARRIER INTERPOLY INSULATORS
10/177096	June 21, 2002	1303.063US1	GRADED COMPOSITION METAL OXIDE TUNNEL BARRIER INTERPOLY INSULATORS
10/789038	February 27, 2004	1303.024US2	INTEGRATED CIRCUIT MEMORY DEVICE AND METHOD
10/783695	February 20, 2004	1303.019US2	DRAM CELLS WITH REPRESSED FLOATING GATE MEMORY, LOW TUNNEL BARRIER INTERPOLY INSULATORS
10/781035	February 18, 2004	1303.063US2	GRADED COMPOSITION METAL OXIDE TUNNEL BARRIER INTERPOLY INSULATORS
10/929916	August 30, 2004	1303.035US2	PROGRAMMABLE ARRAY LOGIC OR MEMORY WITH P-CHANNEL DEVICES AND ASYMMETRICAL TUNNEL BARRIERS
10/788810	February 27, 2004	1303.027US2	IN SERVICE PROGRAMMABLE LOGIC ARRAYS WITH LOW TUNNEL BARRIER INTERPOLY INSULATORS
10/819550	April 7, 2004	1303.019US3	DRAM CELLS WITH REPRESSED FLOATING GATE MEMORY, LOW TUNNEL BARRIER INTERPOLY INSULATORS
10/931704	September 1, 2004	1303.014US2	FLASH MEMORY WITH LOW TUNNEL BARRIER INTERPOLY INSULATORS
10/929986	August 30, 2004	1303.045US2	ATOMIC LAYER DEPOSITION OF METAL OXIDE AND/OR LOW ASYMMETRICAL TUNNEL BARRIER INTERPOLY INSULATORS

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10/931540

August 31,
2004

1303.020US2

PROGRAMMABLE ARRAY LOGIC OR
MEMORY DEVICES WITH
ASYMMETRICAL TUNNEL
BARRIERS

Respectfully submitted,

LEONARD FORBES ET AL.

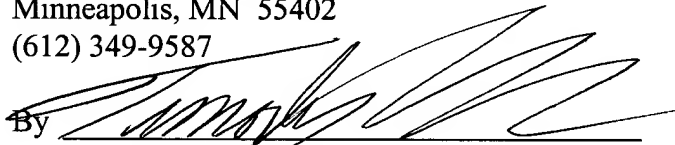
By Applicants' Representatives,

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(612) 349-9587

Date

23 Nov '04

By



Timothy B. Clise
Reg. No. 40,957

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: Mail Stop RCE, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 23 day of November, 2004.

Name

KACIA LEE

Signature

Kacia Lee

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Leonard Forbes et al.	Examiner:	Tu-Tu Ho
Serial No.:	09/943,134	Group Art Unit:	2818
Filed:	August 30, 2001	Docket:	1303.020US1
Title:	PROGRAMMABLE ARRAY LOGIC OR MEMORY DEVICES WITH ASYMMETRICAL TUNNEL BARRIERS		

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

MS RCE
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

In compliance with the duty imposed by 37 C.F.R. § 1.56, and in accordance with 37 C.F.R. §§ 1.97 *et. seq.*, the enclosed materials are brought to the attention of the Examiner for consideration in connection with the above-identified patent application. Applicants respectfully request that this Supplemental Information Disclosure Statement be entered and the documents listed on the attached Form 1449 be considered by the Examiner and made of record. Pursuant to the provisions of MPEP 609, Applicants request that a copy of the 1449 form, initialed as being considered by the Examiner, be returned to the Applicants with the next official communication.

Pursuant to 37 C.F.R. §1.97(b), it is believed that no fee or statement is required with the Supplemental Information Disclosure Statement. However, if an Office Action on the merits has been mailed, the Commissioner is hereby authorized to charge the required fees to Deposit Account No. 19-0743 in order to have this Supplemental Information Disclosure Statement considered.

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The Examiner is invited to contact the Applicants' Representative at the below-listed telephone number if there are any questions regarding this communication.

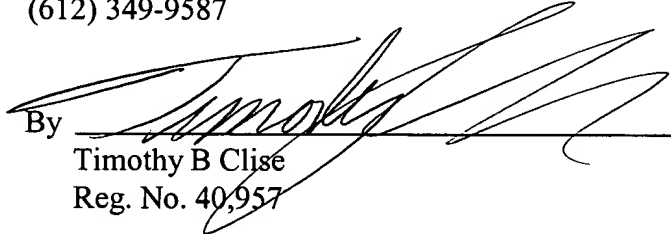
Respectfully submitted,

LEONARD FORBES ET AL.

By their Representatives,

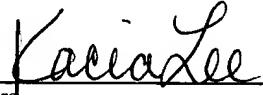
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Date 23 Nov '04

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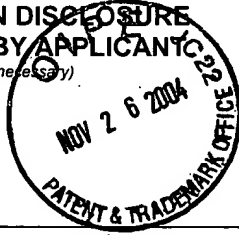
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Name KACIA LEE


Signature

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
 STATEMENT BY APPLICANT**
 (Use as many sheets as necessary)



Complete if Known

Application Number	09/943,134
Filing Date	August 30, 2001
First Named Inventor	Forbes, Leonard
Group Art Unit	2818
Examiner Name	Ho, Tu-Tu

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Attorney Docket No: 1303.020US1

US PATENT DOCUMENTS

Examiner Initial *	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Filing Date If Appropriate
	US-5,474,947	12/12/1995	Chang, K. , et al.	12/27/1993
	US-6,009,011	12/28/1999	Yamauchi, Y.	12/24/1997
	US-6,317,364	11/13/2001	Guterman, D. C., et al.	10/13/2000
	US-6,341,084	01/22/2002	Numata, H. , et al.	05/15/2001
	US-6,574,143	06/03/2003	Nakazato, Kazuo	12/08/2000
	US-6,754,108	06/22/2004	Forbes, L.	08/30/2001

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Foreign Document No	Publication Date	Name of Patentee or Applicant of cited Document	T ²
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OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
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EXAMINER

DATE CONSIDERED

Substitute Disclosure Statement Form (PTO-1449)

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional) 2 Applicant is to place a check mark here if English language Translation is attached